

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003640**Date Inspected:** 26-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai,China**CWI Name:** C.M. Chen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Tim McClendon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and/or discovered the following.

OBG assembly Bay 2

This Caltrans QA Inspector's has been assigned to the ZPMC, ABF, Caltrans group tagging team performing the review of numerous QC and QA documents for the purpose of continuing with the on-going group tagging of the segments identified bellow.

Green tags were assigned to the following by this QA Inspector, ABF rep. Kevin Die and ZPMC rep. Wang Lu, to the following Side Panels and Bottom Panels:

4BE SP67A Tagged 8/26/2008 440

5BW SP410A Tagged 8/26/2008 653

5BW SP470A Tagged 8/26/2008 652

5BW SP416A Tagged 8/26/2008 651

5BW SP748B Tagged 8/26/2008 655

5BW SP416B Tagged 8/26/2008 654

5CW SP411A Tagged 8/26/2008 655

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CT has completed cross checks and is ready for green tagging on the following:

4BE EP20B Not Tagged    CT cross ck comp  
3AW EP5B Not Tagged    CT cross ck comp  
4BW EP18A Not Tagged    CT cross ck comp  
4BW BP20A Not Tagged    CT cross ck comp  
4BW BP19A Not Tagged    CT cross ck comp

This QA inspector submitted NDT request for the following panels.

3AE EP7A Not Tagged    Ready for NDT  
3AE EP7B Not Tagged    Ready for NDT  
4BE EP19B Not Tagged    Ready for NDT  
4BE EP20A Not Tagged    Ready for NDT  
3AW EP6B Not Tagged    Ready for NDT  
4BW EP18B Not Tagged    Ready for NDT

### Summary of Conversations:

No relevant conversations spoken on this date.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady, Velasco 13816942685, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	McClendon,Timothy	Quality Assurance Inspector
<b>Reviewed By:</b>	Cuellar,Robert	QA Reviewer

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